CDC mode can also be activated via pulling up on WOL pin.
EEPROM is primarily needed for storing MAC address, USB VID, PID and descriptors

DM9620/21/20A/21A EEPROM value & definition

Name	Word Offset	Value(H)	Description
MAC address	0~2	00-60-6E-xx-xx-xx	6 byte Ethernet address
Auto Load Control	3 9621A 9620A	5541 5551	Bit 1:0=01: Update vendor ID and product ID Bit 3:2=01: Accept setting of WORD6 Bit 5:4=01: Accept setting of WORD7[10] Bit 7:6=01: Accept setting of WORD7[11,3:0] Bit 9:8=01: Accept setting of WORD7[6:4] Bit 11:10=01: Accept setting of WORD7[7] Bit 13:12=01: Accept setting of WORD7[9:8] Bit 15:14=01: Accept setting of WORD7[15:12], WORD11
Vendor ID	4	0A46	2 byte vendor ID (Default: 0A46h)
Product ID	5 9621A 9620A	 9620 9621 1269 0269	2 byte product ID For DM9620 = 96-20 For DM9621 = 96-21 For DM9621A = 12-69 For DM9620A = 02-69
802.3az control	6 9620 9621 9621A 9620A	 0000 008F	 Reserved, write all zeros Bit 6:0: 802.3az timer to enter EEE Bit 14:8: 802.3az timer to leaver EEE Bit 15: Enable 802.3az
Wake-UP mode control	7 9621A 9620A	41FC ~~45FC~~ 4584 [CDC] 4184 [w/o CDC]	Bit0: WOL active low when set (0: active high, 1: active low) Bit1: WOL is pulse mode (0: level mode, 1: pulse mode) Bit2: magic packet wakeup event enable (0: no, 1: yes) Bit3: reserved Bit4: magic packet wakeup event enabled if USB in suspend state (0: no, 1: yes) Bit5: link_change wakeup event enabled if USB in suspend

			state (0: no, 1: yes) Bit6: reserved Bit7: LED mode 1 (0: mode 0, 1: mode 1) Bit8: internal PHY is enabled after power-on (0: no, 1: yes) Bit9: Ethernet PHY in Fiber mode (0: no, 1: yes) Bit10: CDC mode (0: no, 1: yes) Bit11: WOL SMI event enable (0: no, 1: yes) Bit12: Do not suspend USB PHY if net detach (0: no, 1: yes) Bit13: Do not power down TX if net detach (0: no, 1: yes) Bit14: 1:AUTO-MDIX ON, 0:AUTO-MDIX OFF Bit15: Enable net detach (0: no, 1: yes)
String1 address	8[high]	22	Vendor describe string start address. (Value = Word address, offset address = 0x10 * 2 = 0x20)
String1 length	8[low]	10	Vendor describe string length
String2 address	9[high]	32	Vendor describe string start address
String2 length	9[low]	21	Vendor describe string length
String3 address	A[high]	0A	Vendor describe string start address
String3 length	A[low]	3A	Vendor describe string length
USB control	B	005A	Bit 7:0: USB maximum power. Unit is 2ma. Bit 15:8: USB class code
EP3 interrupt interval	C[low]	0010	Bit 3:0: EP3 interrupt interval (default: 0Bh)

DM9620
String1 = "DAVICOM " (Manufacturer)
String2 = "DM9620 USB To Fast Ether" (Product)
String3 = "0002" (Serial number)

DM9621
String1 = "DAVICOM " (Manufacturer)
String2 = "DM9621 USB To Fast Ether" (Product)
String3 = "0003" (Serial number)

DM9620A
String1 = "DAVICOM " (Manufacturer)
String2 = "DM9620A USB To FastEther" (Product)
String3 = "0004" (Serial number)

DM9621A

String1 = "DAVICOM " (Manufacturer)

String2 = "DM9621A USB To FastEther" (Product)

String3 = "0005" (Serial number)

DM9620

00w	60	00	10	6E	DF	00	55	41	0A	46	96	20	00	00	41	FC
08w	22	10	32	21	0A	3A	00	5A	FF	FF	FF	FF	FF	FF	FF	FF
10w	03	22	00	44	00	41	00	56	00	49	00	43	00	4F	00	4D
18w	00	20	00	20	00	20	00	20	00	20	00	20	00	20	00	20
20w	00	20	03	32	00	44	00	4D	00	39	00	36	00	32	00	30
28w	00	20	00	55	00	53	00	42	00	20	00	54	00	6F	00	20
30w	00	46	00	61	00	73	00	74	00	20	00	45	00	74	00	68
38w	00	65	00	72	03	0A	00	30	00	30	00	30	00	32	61	C3

DM9621

00w	60	00	10	6E	DF	00	55	41	0A	46	96	21	00	00	41	FC
08w	22	10	32	21	0A	3A	00	5A	FF	FF	FF	FF	FF	FF	FF	FF
10w	03	22	00	44	00	41	00	56	00	49	00	43	00	4F	00	4D
18w	00	20	00	20	00	20	00	20	00	20	00	20	00	20	00	20
20w	00	20	03	32	00	44	00	4D	00	39	00	36	00	32	00	31
28w	00	20	00	55	00	53	00	42	00	20	00	54	00	6F	00	20
30w	00	46	00	61	00	73	00	74	00	20	00	45	00	74	00	68
38w	00	65	00	72	03	0A	00	30	00	30	00	30	00	33	61	C3

DM9620A

00w	60	00	10	6E	DF	00	55	51	0A	46	12	69	00	8F	45	84
08w	22	10	32	21	0A	3A	00	5A	00	10	FF	FF	FF	FF	FF	FF
10w	03	22	00	44	00	41	00	56	00	49	00	43	00	4F	00	4D
18w	00	20	00	20	00	20	00	20	00	20	00	20	00	20	00	20
20w	00	20	03	32	00	44	00	4D	00	39	00	36	00	32	00	30
28w	00	41	00	20	00	55	00	53	00	42	00	20	00	54	00	6F
30w	00	20	00	46	00	61	00	73	00	74	00	45	00	74	00	68
38w	00	65	00	72	03	0A	00	30	00	30	00	30	00	34	61	C3

DM9621A

00w	60	00	10	6E	DF	00	55	51	0A	46	12	69	00	8F	45	84
08w	22	10	32	21	0A	3A	00	5A	00	10	FF	FF	FF	FF	FF	FF
10w	03	22	00	44	00	41	00	56	00	49	00	43	00	4F	00	4D
18w	00	20	00	20	00	20	00	20	00	20	00	20	00	20	00	20
20w	00	20	03	32	00	44	00	4D	00	39	00	36	00	32	00	31

28w	00	41	00	20	00	55	00	53	00	42	00	20	00	54	00	6F
30w	00	20	00	46	00	61	00	73	00	74	00	45	00	74	00	68
38w	00	65	00	72	03	0A	00	30	00	30	00	30	00	35	61	C3

LED MODE 0

LINK LED => Flashes when Ethernet Traffic is present

FDX LED => 0 = 10M mode

SPD LED => 0 = 100M mode

LED MODE 1

LINK LED => 0 = Link status and Flashes when Ethernet Traffic is present

FDX LED => 0 = Full duplex mode, 1 = Half duplex mode

SPD LED => 0 = 100M mode, 1 = 10M mode